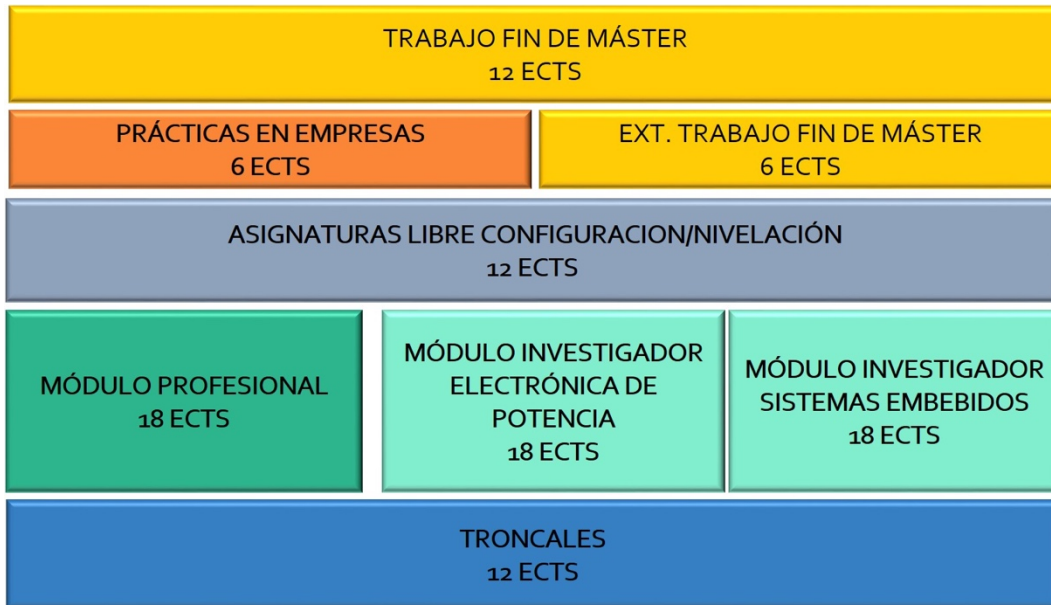


MASTER EN ELECTRÓNICA INDUSTRIAL



Asignaturas TRONCALES

Energy Management in Electronic Systems	(3 ECTS)
Electronic Lab	(6 ECTS)
Seminario 1	(1,5 ECTS)
Seminario 2	(1,5 ECTS)

Módulo Investigador. ELECTRÓNICA DE POTENCIA.

Advanced power supply systems	(3 ECTS)
Design of magnetic components	(3 ECTS)
Grid Connected converters: AC/DC & DC/AC	(3 ECTS)
Modelling and control of power converters	(3 ECTS)
Smart Grids	(3 ECTS)
Three Phase Rectifiers and Inverters	(3 ECTS)

Módulo Investigador. SISTEMAS EMBEBIDOS

Wireless sensor networks	(3 ECTS)
DSP: methods and algorithms	(3 ECTS)
Design of mixed HW/SW systems	(3 ECTS)
Advanced processing architectures	(3 ECTS)
High level system description	(3 ECTS)
Reconfigurable computing systems	(3 ECTS)

Módulo PROFESIONAL

Wireless sensor networks	(3 ECTS)
Compatibilidad electromagnética	(3 ECTS)
Communication networks	(3 ECTS)
Design of mixed HW/SW systems	(3 ECTS)
Instrumentación electrónica	(3 ECTS)
Electronic design for reliability	(3 ECTS)